IAP2 Rec'd PCT/PTO 29 SEP 2006

Attorney Docket No. 0026.1031

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	e Patent A	pplica	tion of:	
Tak	ahito ITOH	l et a	l.	
Арр	lication No	o.: No	ot yet assigned	Group Art Unit:
Ref	: PCT/JP2	2005/6	6967	Intl. App filed April 8, 2005
File	d-US: Sep	otemb	er 29, 2006	Examiner: Not yet assigned
For	MANU	FACT	TE POLYMER ELECTROLYTE TURE THEREOF AND SOLID-S REWITH	MEMBRANE, METHOD FOR TATE POLYMER ELECTROLYTE FUEL
			INFORMATION DISCLOS	SURE STATEMENT
PO	nmissione Box 1450 xandria, V/			
sub	vided certa ject U.S. p	in info atent	ormation which the Examiner ma	ovisions of 37 CFR § 1.56, there is hereby ay consider material to the examination of the the Examiner make this information of record bject application.
1.	Enclos	ures	accompanying this Information I	Disclosure Statement are:
	1b.		Application publications.	cept for U.S. Patents and U.S. Patent mmunication(s) from a foreign Patent Office
		\boxtimes	English language translation (All language publications as indications as indications of Relevancy of Figure 1981).	Abstract Only) attached to non-English ated on the attached Form PTO-1449. References (ATTACHMENT 1(e), hereto) for
	1f. 1g.		providing a concise explanatio List of Copending Applications List of Additional Submitted Do	
2.		Infor	mation Disclosure Statement is (Check either Item 2	
	2a. 2b.		Within three months of the filin Within three months of the dat § 1.491 in an international app	g date of a national application; e of entry of the national stage as set forth in lication.
	2c. 2d.		Before the mailing of a first Off Before the mailing of a first Off Continued Examination under	ice Action after the filing of a Request for

Serial No.: Not yet assigned

3.	specified Action un	mation Disclosure Statement is filed under 37 CFR § 1.97(c) after the period in paragraph 2 above but before the mailing date of any of a Final Office der § 1.113, a Notice of Allowance under § 1.311 or an action that otherwise osecution in the application, AND
	·	(Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)
	3a.	The § 1.97(e) Statement in Item 5 below is applicable; OR The \$180.00 fee set forth in 37 CFR § 1.17(p) is: ☐ enclosed.
		to be charged to Deposit Account No. 503333.
4.		rmation Disclosure Statement is filed under 37 CFR § 1.97(d) after the period in paragraph 3 above, but on or before payment of the Issue Fee, AND The § 1.97(e) Statement in Item 5 below is applicable; AND The \$180.00 fee set forth in 37 CFR § 1.17(p) is: enclosed.
		to be charged to Deposit Account No. 503333.
5.	Statemen	t under § 1.97(e) (applicable if Item 3a or Item 4a is checked) (Check either Item 5a or 5b)
	5a. 🗌	In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
	5b. 🗌	In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
6.	This is a (1.53(b).	continuation/divisional/continuation-in-part application under 37 CFR §
		(Check appropriate Items 6a and/or 6b)
	6a. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR § 1.98(d).
	6b. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, are provided berewith

Serial No.: Not yet assigned

7.		This	s is a	Request for Continued Examination under 37 CFR § 1.114. (Check either Item 7a or 7b)
		7a. 7b.		The Issue Fee has not been paid. A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed concurrently herewith or has been granted. A Request for Continued Examination under 37 CFR § 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.114(a), respectively.
8.		This	s is a :	Supplemental Information Disclosure Statement. (Check either Item 8a or 8b)
		8a.		This Supplemental Information Disclosure Statement under 37 CFR § 1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can
		8b.		be considered as if properly filed on This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §§ 1.97 and 1.98, mailed
9.				to be the relevance of each non-English language publication is: (Check appropriate Items 9a, 9b, 9c and/or 9d)
		9a.		satisfied for the non-English language publication(s) cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed., Rev. 2)
		9b. 9c.		set forth in the application. satisfied for the non-English language publication(s) indicated on the attached Form PTO-1449 as having an English language translation
		9d.	\boxtimes	(Abstract Only) attached thereto. enclosed as Attachment 1(e), hereto.
10.	be se	, ma arch	iterial repor	n is made that the information cited in this Statement is, or is considered to to patentability nor a representation that a search has been made (other than t(s) from a counterpart foreign application or a PCT International Search bmitted herewith). 37 CFR §§ 1.97(g) and (h).

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Serial No.: Not yet assigned

11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 503333.

Respectfully submitted,

STEIN, MCEWEN & BUI, LLP

Dated: _

1400 Eye St., N.W.

Suite 300

Washington, D.C. 20005 Telephone: (202) 216-9505 Facsimile: (202) 216-9510 By: ____

Michael D. Stein

Registration No. 37,240

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			Sheet <u>1</u> of <u>1</u>
FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	ATTORNEY DOCKET NO.	APPLICATION NO.
	PATENT AND TRADEMARK OFFICE	0026.1031	Not yet assigned
		FIRST NAMED INVENTOR	
LIST OF REFER	ENCES CITED BY APPLICANT	Takahito ITOH et al.	
(1100.0	and about if we are and	FILING DATE	GROUP ART UNIT
(Use so	everal sheets if necessary)	September 29, 2006	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	7,060,735	06/2006	Taniguchi et al.			

FOREIGN PATENT DOCUMENTS

TOKEIGHT BOOOMENTO						
	DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT	
AB	JP 9-87510	03/1997	Japan		Х	
AC	JP 10-67847	03/1998	Japan		√ X	
AD	JP 10-340732	12/1998	Japan		X	
AE	JP 2001-213987	08/2001	Japan		Х	
AF	JP 2001-236973	08/2001	Japan		Х	
AG	JP 2003-327826	11/2003	Japan		Х	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)				
АН	International Search Report issued in International Patent Application No. PCT/JP2005/006967 on August 2, 2005	Х		
Al	Takahito ITOH et al., "Ionic conductivity of the hyperbranched polymer-lithium metal salt systems", <i>Journal of Power Sources</i> , 81-82 (1999) pp. 824-829			
AJ	Huan CHEN et al. "Synthesis of Arenesulfonated Hyperbranched Polyimide from A ₂ + B ₃ Monomers", <i>Polymer Journal</i> , vol. 35, no. 3 (2003) pp. 280-285			
AK	Seiji HORII et al., "Properties of Solid Polymer Electrolyte using Hyperbranched Polymer with Acetyl and Acryloyl Groups", <i>Polymer Preprints, Japan,</i> vol. 52, no. 4 (2003) p. 854		Х	
AL	Takahito ITOH et al., "Properties of Solid Polymer Electrolyte using Cross- Linked Hyperbranched Polymer", <i>Polymer Preprints, Japan,</i> vol. 52, no. 12 (2003) pp. 3267-3268		Х	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not cita	ation is in conformance with MPEP 609 Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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·		ATTACHMENT 1(e)
	ATTORNEY DOCKET NO.	APPLICATION NO.
	0026.1031	Not yet assigned
EXPLANATIONS OF RELEVANCY	FIRST NAMED INVENTOR	
OF REFERENCES	Takahito ITOH et al.	
OF REPERENCES	FILING DATE	GROUP ART UNIT
	September 29, 2006	

^{*} Reference AA (US 7,060,735) is substantially equivalent to Reference AF (JP 2001-236973).